

Application/Control No. 10/517,191	Applicant(s)/Patent under Reexamination ISHIKAWA
Examiner	Art Unit
John Ricci	3711

1 100 10 11 11 11 10 11 11 11 11 11 11 1					John Ricci			371	3/11					
			ISSUE	E CI	AS	SIF	ICAT	ION						
	ORIGINA								NAL CLAS	SIFICAT	TION			
CLASS SUBCLASS				1						AIMED				
446 91				A	6	S 3 H		3 / 5 >						
				† <u>. </u>										
			- #	6	3		33108	7		/		1		
				1				1					1	
		1,,,		1	+	T								/
— ' · ·	<u>- </u>				 	T		1					1	
					 	1							1	
	<u> </u>				+	1								
Muse 3d M				y Exami	~ 12/7/06					O.G. Print Claim(s)			O.G. Print Fig.	
ims renun	nbered in	the same	e order as pi	resen ^r	ted by					1	_	1	Пρ	1 47
						y app	licant	☐ CPA			<u>.D.</u>		<u> </u>	. 1.7/
Original	Final		Final Original		Final	Original	licant	Final CPA Chaiginal	5 20 20 20 20 20 20 20 20 20 20 20 20 20	Final	Original O		Final	Original
1	Final Original	1	·			16 Original	licant	Final Corioinal	21	1	Original			91 Original
1 2	3. Sinal Final Control of Control	1	Final Original			91 92	licant	15 15 17 17 17	21	1	151 152			181 Original
1 2 3	3: 3: 3: 3: 3: 3: 3: 3:	1 2	Einal 62 63 63			91 92 93	licant	12 12 12 12	21 22 23	1	151 152 153			18: 18:
1 2 3 4	3: 3: 3: 3: 3: 3: 3:	1 2 3	Einal			91 92 93 94	licant	12 12 12 12 12	22 23 24	1	151 152 153 154			18: 18: 18:
1 2 3	3: 3: 3: 3: 3: 3: 3: 3:	1 2 3 4 5	Einal 62 63 63			91 92 93		12 12 12 12	21 22 23 24	1	151 152 153			18: 18: 18: 18:
1 2 3 4 5 6 7	33 33 33 33 34 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37	1 2 3 4 5 6 7	Final Part Part Part Part Part Part Part Part			91 92 93 94 95 96 97	licant	12 12 12 12 12 12 12 12	21 22 23 24 25 26	1	151 152 153 154 155 156 157			18: 18: 18: 18: 18: 18:
1 2 3 4 5 6 7 8	33 33 33 33 34 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37	1 2 3 4 5 5 3 7	Final Part Part Part Part Part Part Part Part			91 92 93 94 95 96 97 98	licant	12 12 12 12 12 12 12 12	21 22 23 24 25 26 27	1	151 152 153 154 155 156 157 158			18: 18: 18: 18: 18: 18: 18:
1 2 3 4 5 6 7	33 33 33 33 34 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37	1 2 3 4 5 6 7 8	Final Part Part Part Part Part Part Part Part			91 92 93 94 95 96 97		12 12 12 12 12 12 12 12	21 22 23 24 25 26 27 28	1	151 152 153 154 155 156 157			
	CLASS 446 CR SUBC 110 477	CLASS CROSS REFER SUBCLASS (ONE [10] [16] 477 Assistant Examiner) UMA Manual Instruments Examiner	ORIGINAL CLASS SU 446 91 CROSS REFERENCES SUBCLASS (ONE SUBCLASS 110 116 119 477 USSISTANT Examiner) (Date)	ORIGINAL CLASS SUBCLASS 446 91 CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) 110 116 119 12 0 477 USSISTANT Examiner) (Date) PALLAMANANA (Primary Instruments Examiner) (Date)	ORIGINAL CLASS SUBCLASS 446 91 A CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) 110 116 118 120 477 USSISTANT Examiner) (Date) John Primar (Primary Exami	SUBCLASS CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) [10] [16] [18] [20] 477 John A. F. Primary Examiner) Instruments Examiner) (Date)	ISSUE CLASSIF ORIGINAL CLASS SUBCLASS COME CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) IIO II6 II8 I20 UT77 John A. Ricci Primary Examine (Primary Examiner) (Primary Examiner) (Primary Examiner)	ISSUE CLASSIFICAT ORIGINAL CLASS SUBCLASS SUBCLASS SUBCLASS (ONE SUBCLASS PER BLOCK) IIO IIG II 8 I2 O 477 John A. Ricci Primary Examiner Sussistant Examiner) (Date) John A. Ricci Primary Examiner (Primary Examiner) (Date)	ISSUE CLASSIFICATION ORIGINAL CLASS SUBCLASS CLAIMED 463 M 3/52 CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) [10] [16] [18] [20] (477) John A. Ricci Primary Examiner Subclass (Date) John A. Ricci Primary Examiner March (Primary Examiner) (Date)	ISSUE CLASSIFICATION ORIGINAL CLASS SUBCLASS CLAIMED 463 H 3 /52 CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) 110 116 118 120 // 477 John A. Ricci Primary Examiner Print Instruments Examiner) (Date) Print Print	ISSUE CLASSIFICATION ORIGINAL CLASS SUBCLASS CLAIMED CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) IIO II6 II8 I20 U77 John A. Ricci Primary Examiner Lassistant Examiner) John A. Ricci Primary Examiner Lassistant Examiner) O.G. Print Claims	ISSUE CLASSIFICATION ORIGINAL CLASS SUBCLASS SUBCLASS CLAIMED NON-CLA 446 91 A 6 3 M 3 / 5 2 CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) 110 16 11 8 12 0	ISSUE CLASSIFICATION ORIGINAL CLASS SUBCLASS SUBCLASS CLAIMED NON-CLAIMED OROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) I O I 6 II 8 I 2 0 / 477 / John A. Ricci Primary Examiner O.G. (Primary Examiner) (Date) Instruments examiner) (Date) I SSUE CLASSIFICATION INTERNATIONAL CLASSIFICATION NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED NON-CLAIMED Total Claims Allowed: (South Control of Con	ISSUE CLASSIFICATION ORIGINAL CLASS SUBCLASS SUBCLASS CLAIMED NON-CLAIMED V CROSS REFERENCES SUBCLASS (ONE SUBCLASS PER BLOCK) I 10 I 16 II 8 I 2 0

	4	34	64	94	124	154	184
	5	35	65	95	125	155	185
	6	36	66	96	126	156	186
	7	37	67	97	127	157	187
	8	38	68	98	128	158	188
	9	39	69	99	129	159	189
	10	40	70	100	130	160	190
	11	41	71	101	131	161	191
	12	42	72	102	132	162	192
	13	43	73	103	133	163	193
	14	44	74	104	134	164	194
	15	45	75	105	135	165	195
	16	46	76	106	136	166	196
	17	47	77	107	137	167	197
	18	48	78	108	138	168	198
	19	49	79	109	139	169	199
	20	50	80	110	140	170	200
	21	51	81	111	141	171	201
	22	52	82	112	142	172	202
	23	53	83	113	143	173	203
	24	54	84	114	144	174	204
	25	55	85	115	145	175	205
	26	56	86	116	146	176	206
	27	57	87	117	147	177	207
	28	58	88	118	148	178	208
	29	59	89	119	149	179	209
	30	60	90	120	150	180	210
11.0.0-						5 : (5	